

§ 172.880

21 CFR Ch. I (4–1–05 Edition)

§ 172.880 Petrolatum.

Petrolatum may be safely used in food, subject to the provisions of this section.

(a) Petrolatum complies with the specifications set forth in the United States Pharmacopeia XX (1980) for white petrolatum or in the National Formulary XV (1980) for petrolatum.

(b) Petrolatum meets the following ultraviolet absorbance limits when

subjected to the analytical procedure described in § 172.886(b):

Ultraviolet absorbance per centimeter path length:

| Millimicrons | Maximum |
|---------------|---------|
| 280–289 | 0.25 |
| 290–299 | .20 |
| 300–359 | .14 |
| 360–400 | .04 |

(c) Petrolatum is used or intended for use as follows:

| Use | Limitation (inclusive of all petroleum hydrocarbons that may be used in combination with petrolatum) |
|---|--|
| In bakery products; as release agent and lubricant | With white mineral oil, not to exceed 0.15 percent of bakery product. |
| In confectionery; as release agent and as sealing and polishing agent ... | Not to exceed 0.2 percent of confectionery. |
| In dehydrated fruits and vegetables; as release agent | Not to exceed 0.02 percent of dehydrated fruits and vegetables. |
| In egg white solids; as release agent | Not to exceed 0.1 percent of egg white solids. |
| On raw fruits and vegetables; as protective coating | In an amount not to exceed good manufacturing practice. |
| In beet sugar and yeast; as defoaming agent | As prescribed in § 173.340 of this chapter. |

(d) Petrolatum may contain any antioxidant permitted in food by regulations issued in accordance with section 409 of the Act, in an amount not greater than that required to produce its intended effect.

[42 FR 14491, Mar. 15, 1977, as amended at 49 FR 10105, Mar. 19, 1984]

§ 172.882 Synthetic isoparaffinic petroleum hydrocarbons.

Synthetic isoparaffinic petroleum hydrocarbons may be safely used in food, in accordance with the following conditions:

(a) They are produced by synthesis from petroleum gases and consist of a mixture of liquid hydrocarbons meeting the following specifications:

Boiling point 93–260 °C as determined by ASTM method D86–82, “Standard Method for Distillation of Petroleum Products,” which is incorporated by reference. Copies may be obtained from the American Society for Testing Materials, 1916 Race St., Philadelphia, PA 19103, or may be examined at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Ultraviolet absorbance:

260–319 millimicrons—1.5 maximum.

320–329 millimicrons—0.08 maximum.

330–350 millimicrons—0.05 maximum.

Nonvolatile residual: 0.002 gram per 100 milliliters maximum.

Synthetic isoparaffinic petroleum hydrocarbons containing antioxidants shall meet the specified ultraviolet absorbance limits after correction for any absorbance due to the antioxidants. The ultraviolet absorbance shall be determined by the procedure described for application of mineral oil, disregarding the last sentence of the procedure, under “Specifications” on page 66 of the “Journal of the Association of Official Analytical Chemists,” Volume 45 (February 1962), which is incorporated by reference. Copies are available from the Center for Food Safety and Applied Nutrition (HFS–200), Food and Drug Administration, 5100 Paint Branch Pkwy., College Park, MD 20740, or available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. For hydrocarbons boiling below 250 °F, the nonvolatile residue shall be determined by ASTM method D1353–78, “Standard Test Method for Nonvolatile Matter in Volatile Solvents for Use in Paint, Varnish, Lacquer, and Related Products;” for those boiling above 121 °C, ASTM method D381–80, “Standard Test Method for Existent Gum in Fuels by Jet Evaporation” shall be used. These methods are incorporated by reference. Copies may be obtained from the American Society for Testing Materials, 1916 Race St., Philadelphia, PA 19103, or may be